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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Neil S. Cutshall et al.  
Application No. : 10/015,861  
Filed : December 12, 2001  
For : PHARMACEUTICAL USES AND SYNTHESIS OF  
NICOTINANILIDE-N-OXIDES

Examiner : Rita J. Desai  
Art Unit : 1625  
Docket No. : 240083.514  
Date : October 14, 2003

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants note that reference AE (DT2538950) is written in German. Accordingly, the Examiner's attention is directed to reference AN, which sets forth an English abstract regarding the relevance of German Patent DT 25 38 950.

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Applicants note that journal reference AL (Dornow et al.) is written in German. Accordingly, the Examiner's attention is directed to reference AM, which sets forth an English abstract regarding the relevance of the Dornow et al. journal reference.

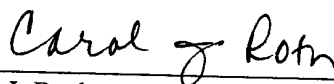
Please acknowledge receipt of this Second Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,

Neil S. Cutshall et al.

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Enclosures:

Check

Form PTO-1449

Cited References (12)

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FORM PTO-1449  
(REV.7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

240083.514

APPLICATION NO.

10/015,861

## SECOND SUPPLEMENTAL

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Neil S. Cutshall et al.

FILING DATE

December 12, 2001

GROUP ART UNIT

1625

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3,637,716	01/25/72	Bimber et al.	260	295 R	
AB	3,766,195	10/16/73	Bimber et al.	260	295 R	
AC	3,950,160	04/13/76	Abu El-Haj et al.	71	92	
AD						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AE	DT 2538950 A	03/03/77	Germany ✓		X
AF	GB 1134651	11/27/68	United Kingdom ✓		
AG					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	✓	Bouzard, D. et al., "Fluoronaphthyridines as Antibacterial Agents. 4. Synthesis and Structure-Activity Relationships of 5-Substituted-6-fluoro-7-(cycloalkylamino)-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic Acids," <i>J. Med. Chem.</i> 35:518-525, 1992.
AI	✓	Chambers, R.D. et al., "Polyfluoroheterocyclic Compounds. Part V. Catalytic Reduction of Perfluoro- and Chlorofluoro-pyridines and the Preparation of Polyfluoropyridinecarboxylic Acids," <i>Journal of the Chemical Society</i> , pgs. 5045-5048, 1965.
AJ	✓	Coe and Rees, "Preparation and reactions of 2,3,4,6-tetrafluoropyridine and its derivatives," <i>Journal of Fluorine Chemistry</i> 101(1): 45-60, January 2000. ✓
AK	✓	Collie and Tickle, "Production of some nitro- and amido-oxylutidines, Part I" <i>Journal of the Chemical Society</i> 73:229-235, 1898.
AL	✓	Dornow and Hahmann, "Synthese von 2-Oxy-imidazolo-(5',4':2,3)-pyridinen. Synthesen stickstoffhaltiger Heterocyclen, XII. Mitteilung.," <i>Archiv Der Pharmazie</i> 290: 20-31, 1957.
AM	✓	Dornow and Hahmann, "Synthesis of N-containing heterocycles. XII. Synthesis of 2-hydroxy-1-imidazo[b]pyridines," <i>Chemical Abstracts</i> , Abstract No. 1957:56771, 1957. See Also <i>Archiv Der Pharmazie</i> 290: 20-31, 1957.
AN	✓	Lamm, G., "2,6-Dichloronicotinic acids," <i>Chemical Abstracts</i> , Abstract No. 1977:189730, 1977. See also DT2538950.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).